

**Commonwealth of Kentucky**  
**Division for Air Quality**  
**PERMIT STATEMENT OF BASIS**

Title V draft permit, No. V-99-018  
**LOUISVILLE GAS AND ELECTRIC COMPANY-MULDRAUGH STATION**  
P. O. Box 32010  
Louisville, Kentucky 40232  
May 19, 1999  
BRYAN HANDY

SOURCE DESCRIPTION, CONTROL EQUIPMENT & CONSTRUCTION DATE:

- E. Unit 01: Natural gas fired compressor unit (two cycle lean burn reciprocating) construction on or before date 1947.
- E. Unit 02: Six natural gas fired compressor units (two cycle lean burn reciprocating) construction on or before date 1963.
- E. Unit 03: Two natural gas fired turbine compressor units construction on or before date 1974.
- E. Unit 04: Three natural gas purification processes controlled by a hydrogen sulfide (H<sub>2</sub>S) afterburner, for purification plant #1 construction on or before date 1963 and for purification plant #2, #3 construction on or before date 1995.
- E. Unit 05: Indirect heat exchanger for purification plant #2 construction on or before date 1962.
- E. Unit 06: Indirect heat exchanger for purification plant #3 construction on or before date 1967.
- E. Unit 07: Standby Generator construction on or before date 1996.

REGULATION APPLICABILITY:

All the applicable regulations to the emission units are listed in the permit.

REGULATION THAT ARE NOT APPLICABLE:

It is the Division's interpretation that 40 CFR 60, Subpart LLL and Subpart KKK are not applicable to this source.

COMMENTS:

The permittee has not proposed any alternate operating scenario for any of the emission units.